

WHAT IS CLAIMED IS:

1. A camera lens assembly mounted in a portable wireless terminal, comprising:
a first lens housing rotatably attached to the portable wireless terminal so that the first lens housing can be rotated about a first rotating axis extending in one direction; and
5 a second lens housing rotatably attached to the first lens housing so that the second lens housing can be rotated about a second rotating axis extending perpendicularly to the first rotating axis, the second lens housing having a camera lens mounted therein.
2. The assembly as set forth in claim 1, wherein the first lens housing is a cylinder with an open end for allowing the second lens housing to be attached to the first lens housing, and
10 wherein the first lens housing has a first semicircular opening, formed on an outer circumference thereof adjacent to the open end, and a pair of supporting pieces spaced diametrically from one another and angularly from the first semicircular opening and extending from the open end along the first rotating axis.
3. The assembly as set forth in claim 2, wherein the second lens housing is
15 sphere-shaped and attached to the open end of the first lens housing, wherein the second lens housing has a pair of supporting pins protruding outwardly from an outer circumference of the second lens housing in opposite directions perpendicular to the first rotating axis, so that the supporting pins each are rotatably coupled with a respective one of the supporting pieces of the first lens housing, the second lens housing further having a second opening formed on the outer
20 circumference thereof and spaced from the pair of supporting pins for exposing the camera lens.
4. The assembly as set forth in claim 3, wherein the second opening is positioned above

the first opening as the second lens housing is rotated.

5 5. The assembly as set forth in claim 3, wherein the second lens housing further has a stopper protrusion formed on the outer circumference thereof, and wherein the stopper protrusion is engaged with the open end of the first lens housing to restrict a rotation range of the second lens housing relative to the first lens housing.

6. The assembly as set forth in claim 5, wherein the rotation range of the second lens housing is limited to an angle of about 90 degrees.

10 7. The assembly as set forth in claim 1, wherein the second lens housing further has a through-hole formed at an outer circumference thereof, the through-hole being placed in the first lens housing, and wherein the camera lens has a flexible printed circuit extended from one end thereof, the flexible printed circuit passing through the through-hole and the first lens housing and then being drawn out from the other end of the first lens housing.

15 8. The assembly as set forth in claim 1, further comprising a camera shaft fixed to the first lens housing and spaced from the second lens housing along the first rotating axis, the camera shaft extending along the first rotating axis so that the camera lens is rotatably attached to the terminal.

20 9. The assembly as set forth in claim 8, wherein the camera shaft has a grooved coupling part formed on an end thereof spaced axially from the second lens housing, the grooved coupling part being configured to fittingly receive an E-ring.